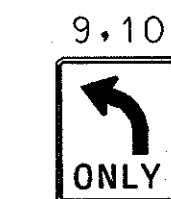
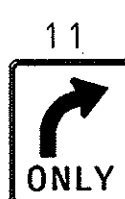


MD 24 IS ASSUMED TO RUN
IN A NORTH/SOUTH DIRECTION

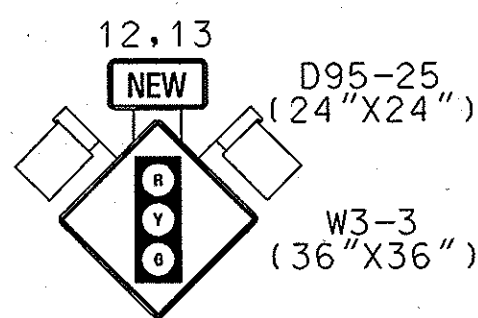
PROPOSED SIGNS



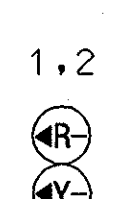
R3-5(L)
(30"X36")



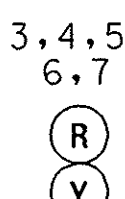
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(30"X36")



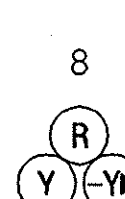
PROPOSED LED SIGNALS



1.2
12"



3.4.5.6.7
12"



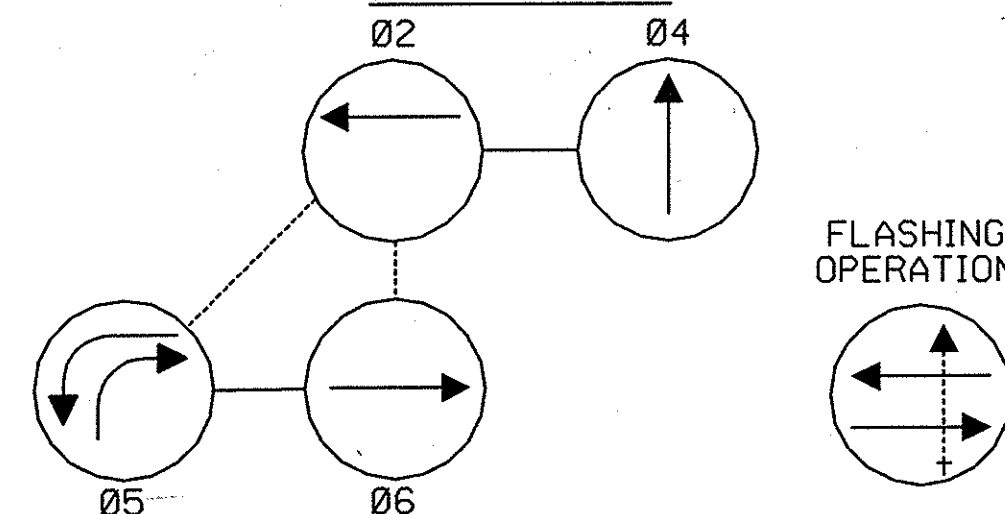
8
12"

PROPOSED VIDEO DETECTION CAMERA



VIDEO DETECTION
ZONE
a, b

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

MDTA
RIGHT OF WAY

TO BEL AIR

MD 24 N.B.R

191+00

192+00

193+00

194+00

195+00

196+00

291+00

292+00

293+00

294+00

295+00

296+00

12

CONSTRUCTION DETAILS

MDTA
RIGHT OF WAY

- INSTALL A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER (NOTE: TWO-4 IN. PVC, AND TWO-2 IN. PVC SCHEDULE 80, 90 DEGREE CONDUIT BENDS). STA 194+35, 93' RT.
- INSTALL 200 AMP METERED SERVICE PEDESTAL. (NOTE: ONE-4 IN. AND TWO-2 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS IN PEDESTAL BASE)
- INSTALL 14"X32' (TWO PLY) STEEL STRAIN POLE, OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON LIGHTING BRACKET, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, AND NECESSARY BACK GUY AND ANCHOR ASSEMBLIES. (NOTE: TWO 3 IN. PVC SCHEDULE 80, 90 DEGREE CONDUIT BENDS) STA 194+27, 91 RT.
- INSTALL 14"X32' (TWO PLY) STEEL STRAIN POLE, OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON LIGHTING BRACKET, 20 FT. LIGHTING ARM, 250 WATT HPS LUMINAIRE, AND NECESSARY BACK GUY AND ANCHOR ASSEMBLIES. (NOTE: TWO 3 IN. PVC SCHEDULE 80, 90 DEGREE CONDUIT BENDS) STA 192+68, 80' LT.
- INSTALL 3/8 INCH SPAN WIRE AND 1/4 IN. SPAN WIRE (TETHER CABLE) WITH SIGNALS AND SIGNS.
- INSTALL HANDHOLE.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.

I-95 SB ON RAMP
(RAMP K)

I-95 SB OFF RAMP
(RAMP J)

CONSTRUCTION DETAILS (CONTD.)

- INSTALL 24 IN. WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKING FOR STOP LINE.
- INSTALL GROUND MOUNTED SIGN ON TWO 4 IN. X 6 IN. WOOD POSTS.

MD 24 S.B.R

MDTA
RIGHT OF WAY

TO EDGEWOOD

GENERAL NOTES

- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA/OOTS ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.02, MD 818.04 THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER 2 WEEKS PRIOR TO BEGINNING SIGNAL WORK TO ARRANGE FOR SHA SIGNAL INSPECTION.

MOT STAGE:3C

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 24 AT SOUTHBOUND I-95 OFF-RAMP (RAMP J)/ON-RAMP (RAMP K)
IMPROVEMENTS TO I95 AND MD 24 INTERCHANGE
ABINGDON, MARYLAND

TEMPORARY TRAFFIC SIGNAL PLAN

SCALE: 1" = 20' DATE: 06/12/06 CONTRACT NO.: KH-271-000-002

DESIGNED BY: A. MOHAMMED/SDU COUNTY: HARBORD
DRAWN BY: M. RAFFLE LOGMILE:
CHECKED BY: K. BINKER TMS NO.:
FAP NO.: NONE TOD NO.:
TS NO.: DRAWING: PSG OF P003 SHEET NO.: 669 OF 889

PLOTTED: Thursday, July 06, 2006 AT 04:42 PM
FILE: R:\2003\31 MDTA 2003-01 pre_eng KCI\Task 01 MD24_I-95(Dwg)\Signal\PSG-P003_MD24.dgn